ABSTRACT

A method, system and apparatus for the monitoring, diagnosis and evaluation of the state of a dynamic system is disclosed. This method and system provides the processing means for receiving sensed and/or simulated data, converting such data into a displayable object format and displaying such objects in a manner such that the interrelationships between the respective variables can be correlated and identified by a user. This invention provides for the rapid cognitive grasp of the overall state of a critical function with respect to a dynamic system. The system provides for displayed objects which change in real-time to show the changes of the functions of the system. It is a highly flexible system which works with a wide variety of applications, including biological systems, environmental systems, engineering systems, economic systems, mechanical systems, chemical systems and the like.